

Appendix table 5-24.
Percentage of high school graduates earning credits in mathematics courses, by race/ethnicity: 1982, 1987, 1990, and 1994

Year of graduation and gender	Any mathematics	Basic math	General math	Applied math	Algebra 2	Geometry	Calculus	AP calculus	Advanced math—other
1982 graduates									
White	98.8 (0.2)	4.5 (0.4)	25.0 (1.1)	7.8 (0.6)	39.5 (0.9)	51.3 (1.0)	5.5 (0.4)	1.8 (0.3)	14.9 (0.9)
Asian/Pacific	100.0 (0.0)	4.9 (1.6)	17.0 (3.5)	9.6 (2.1)	55.8 (4.2)	64.9 (4.7)	12.8 (2.7)	5.5 (1.7)	24.9 (3.1)
Islander	99.3 (0.3)	13.6 (2.1)	46.6 (3.1)	13.3 (1.5)	24.2 (2.0)	29.3 (1.8)	1.3 (0.4)	0.3 (0.1)	6.2 (0.8)
Black	97.2 (0.5)	9.4 (1.2)	43.2 (2.1)	11.2 (1.2)	20.1 (1.4)	25.7 (1.4)	1.7 (0.3)	0.4 (0.1)	8.0 (0.9)
Hispanic									
American Indian/ Alaskan Native	99.6 (0.5)	7.4 (4.2)	41.4 (5.2)	7.3 (3.3)	19.1 (4.5)	33.5 (7.2)	4.0 (2.2)	0.1 (0.1)	7.4 (2.9)
1987 graduates									
White	99.8 (0.1)	6.5 (0.6)	18.1 (1.3)	14.3 (1.3)	50.7 (1.6)	63.1 (1.2)	5.7 (0.4)	2.7 (0.3)	21.6 (1.2)
Asian/Pacific	100.0 (0.0)	4.9 (1.3)	14.2 (3.1)	9.7 (1.3)	66.1 (4.7)	81.4 (2.5)	29.6 (4.1)	23.7 (4.7)	48.5 (5.0)
Islander	99.8 (0.1)	17.1 (2.7)	37.9 (2.7)	18.4 (1.8)	30.0 (1.7)	42.3 (2.0)	2.2 (0.3)	1.4 (0.3)	9.8 (0.9)
Black	99.9 (0.1)	21.0 (1.9)	29.3 (3.5)	15.6 (1.8)	27.6 (2.0)	39.7 (1.7)	3.6 (0.7)	2.6 (0.6)	11.1 (1.2)
Hispanic									
American Indian/ Alaskan Native	99.3 (0.8)	7.2 (1.6)	37.2 (4.7)	29.9 (4.4)	23.8 (2.5)	43.5 (4.0)	0.4 (0.4)	0.4 (0.4)	10.2 (1.6)
1990 graduates									
White	99.9 (0.1)	5.8 (0.6)	17.5 (1.8)	15.0 (1.1)	53.1 (1.6)	65.5 (1.5)	6.9 (0.5)	4.2 (0.5)	22.2 (1.3)
Asian/Pacific	99.9 (0.2)	8.4 (2.6)	14.7 (1.8)	13.0 (3.5)	60.9 (5.0)	70.7 (2.8)	18.5 (3.3)	15.6 (2.8)	36.3 (4.8)
Islander	99.9 (0.1)	14.3 (1.9)	28.4 (2.3)	21.3 (2.7)	40.6 (2.8)	55.8 (2.6)	2.7 (0.5)	1.2 (0.3)	9.7 (1.4)
Black	99.8 (0.1)	15.3 (2.7)	28.6 (3.0)	19.1 (3.7)	35.1 (2.6)	53.2 (2.8)	3.8 (0.7)	3.0 (0.6)	11.1 (1.1)
Hispanic									
American Indian/ Alaskan Native	100.0 (0.0)	11.1 (3.0)	28.9 (7.0)	20.7 (4.6)	47.1 (5.4)	54.8 (3.1)	4.1 (2.7)	2.9 (2.5)	16.3 (4.0)
1994 graduates									
White	99.9 (0.0)	3.7 (0.4)	14.5 (1.1)	13.2 (1.1)	61.6 (1.5)	72.4 (1.4)	9.6 (0.7)	7.3 (0.7)	26.5 (1.1)
Asian/Pacific	100.0 (0.0)	4.0 (1.0)	17.5 (2.8)	11.5 (3.2)	66.2 (5.0)	75.7 (3.8)	23.6 (3.2)	21.1 (2.9)	40.6 (4.3)
Islander	100.0 (0.0)	7.3 (1.3)	27.1 (2.9)	17.5 (2.0)	43.9 (2.4)	58.1 (2.9)	3.8 (0.6)	2.0 (0.4)	13.5 (1.1)
Black	99.9 (0.1)	8.4 (1.1)	16.2 (2.1)	16.4 (2.1)	49.6 (2.1)	68.8 (1.8)	6.0 (0.6)	4.6 (0.5)	17.4 (1.5)
Hispanic									
American Indian/ Alaskan Native	100.0 (0.0)	5.4 (1.4)	19.1 (3.5)	13.8 (2.9)	42.2 (7.0)	60.0 (4.3)	3.8 (1.2)	2.2 (1.4)	11.9 (3.3)

AP = advanced placement

NOTE: Standard errors are shown in parentheses.

SOURCE: National Center for Education Statistics (NCES), 1998. The 1994 High School Transcript Study: Comparative Data on Credits Earned and Demographics for 1994, 1990, 1987, and 1982 High School Graduates. Washington, DC: U.S. Department of Education, Office of Educational Research and Improvement.

See figure 5-15 and text table 5-6 in Volume 1.

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